

SEQUENCE LISTING

<110> KIRIN BEER KABUSHIKI KAISHA

Secretary of Agency of Industrial Science and Technology

<120> Novel yeast mutants and process for producing glycoprotein
containing mammalian type sugar chain

<130> PH-1034-PCT

<160> 26

<170> PatentIn Ver. 2.0

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 1

GGATCCGAAG AAAACCTAAT ACATTGAAGT

30

<210> 2

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 2

GCATGCCCTT TGGTTTAATA TAAATCTCCG GAGTGC 36

<210> 3

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 3

GCATGCTACA TAACTCCAAT CAGCAGCAAA TATGTC 36

<210> 4

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 4

GCGGCCGCGT GTTCTGTTTC GGTAACGTTT AAACCAAT 38

<210> 5

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 5

AGATGCATAC TAGTGGGCCC ATTGTGATTG GAAT 34

<210> 6

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 6

CCCCCGAATT CGTGTGAAGG AATAGTGACG 30

<210> 7

<211> 30

<212> DNA

<213> Artificial Sequence

<220> 30

<223> Description of Artificial Sequence:synthetic DNA

<400> 7

CCCCCGAATT CAAGTCGGAG AACCTGACTG

30

<210> 8

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 8

ATGGGCCCCAC TAGTATGCAT CTCGCGTGGC ATGG

34

<210> 9

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 9

GCGGCCGCGA GACCTGAATC TTCGACACGC AAGAAAAA

38

<210> 10

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 10

GAATTCGCTT TCGAACAAAA TCAAAAGGGG CATAAC 36

<210> 11

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 11

GAATTCCTAT CCACCAAAC CACAAGCAAG CA 32

<210> 12

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 12

GCGGCCGCCG AGAGGGTGAA CGGTGCTAAC TCAGGATT 38

<210> 13

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 13

CGCCGCCGAG CTCTAAAAAA ATGAAGTTAA GCCGCC 36

<210> 14

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 14

ATCCCACCAC TTTGAAAGGT 20

<210> 15

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 15

GAAGACTCAC GGAGGAAGTT 20

<210> 16

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 16

ATGGCGGTAT ATGTGCTCGA 20

<210> 17

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 17

CGCAGTTTGG GATACAGCAA 20

<210> 18

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400>18

ATTATTATTA GCGGCCGCCC CTCAACTGGA TTCG 34

<210> 19

<211> 162

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 19

GGATCCGAGC TCCACCGCGG TGGCGGCCGC ATGTTTTACC CATACGATGT TCCTGACTAT 60
GCGGGCTATC CCTATGACGT CCCGGACTAT GCAGGATATC CATATGACGT TCCAGATTAC 120
GCAGCTACTA GTGGGCATGC TTCACGCGTC TAGTGAGAAT TC 162

<210> 20

<211> 176

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 20

GAGCTCAAAA AGAAAGCAAG TAAAAGAAAG AAGAGATCAT GTCTAGGAAG TTGTCCCACC 60
TGATCGCTAC AAGGAAATCA AAAACAATAG TCGTAACCGT ACTTCTTATT TATTCTTTGT 120
TGACATTTCA CTTGTCAAAC AAAAGGCTGC TTTCTCAGTT TTACCCATGG GAATTC 176

<210> 21

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 21

TTAGACTACC CATGGAACCC GCGCCGCGAG GGCTCCTTC 39

<210> 22

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 22

CAGGAGAACT TTGGTTCGAA AAAGCTTTGA CTTCTT 36

<210> 23

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 23

AGAGCGGCCG CAAAATGTTC GCCAACCTAA 30

<210> 24

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 24

TTTTGTCGAC TAGACGCGTG AAGCATGCCC 30

<210> 25

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 25

CGCCAGGGTT TTCCCAGTCA CGAC

24

<210> 26

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 26

ATGGGCCGGC TCTTTTATCC AAAGATAC

28